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Veterinary REPORT

College of Veterinary Medicine
University of Illinois at Urbana-Champaign
Spring 1991, Volume 15, No. 1

'Envirovet' Program to Help Protect Freshwater Resources of the Great Lakes

BY TANIA BANAK

Midwest veterinarians are joining the fight to clean up our nation's water with the blessing of governors from states bordering the Great Lakes.

The governors have chosen to use their recently established "Great Lakes Protection Fund" to help underwrite "Envirovet," a program designed to help protect aquatic life and water quality in the lakes.

The \$35,000 grant to Envirovet is one of the first made from this new fund. The four-week, intensive Envirovet program will provide training in aquatic animal medicine for veterinarians, veterinary students and others interested in aquatic biology.

According to Dr. Val Beasley, an associate professor of veterinary biosciences at the University of Illinois College of Veterinary Medicine at Urbana and director of the Envirovet program, the program will focus on the comparative morphology and physiology of aquatic animals and the effects of pollutants on them.

Envirovet will be held each summer at the Center for Lake Superior Environmental Studies in Superior, Wisconsin. Dr. John Dellinger, director of the Center, has also been involved in setting up Envirovet from its inception.

"The program is under the joint coordination of the University of Illinois and the University of Wisconsin at Supe-



rior," Dr. Beasley said. "Experts in ecology, risk assessment, pathology, toxicology, epidemiology, and aquaculture will provide training for Envirovet participants. Program participants will learn how to better interpret and protect life in the Great Lakes and its watershed."

Improved detection of the early effects of environmental toxicants on aquatic life and the associated ecosystem damage will be an area of primary emphasis. As diagnosis of the poisoning problems of aquatic animals becomes more efficient, the extent of environ-

mental damage due to water pollution will be more readily controlled.

The Great Lakes are the largest bodies of fresh water in the world, and the governors from bordering states recognize the importance of this resource. They established the Fund to protect the health of the Great Lakes ecosystem, as well as human health, fish, and wildlife.

Envirovet is also working with the Illinois-Indiana Sea Grant Program as well as with industry to obtain funding for the project. For example, The Dow Chemical Company, USA, of Midland, Michigan, has provided a \$2,000 donation. ■



Governor Tommy Thompson of Wisconsin (left) congratulates Dr. Val Beasley (center) and Dr. John Dellinger (right) on their receipt of a grant from the Great Lakes Protection Fund for the Envirovet program.

New Flight Cages Allow Grounded Birds to 'Re-Coop' From Injury, Illness

BY KIMBERLY MEENEN

Injured falcons, hawks, owls and other birds are now being rehabilitated and returned to freedom by U of I College of Veterinary Medicine veterinarians and students thanks to several new flight cages and a new rehab program.

The flight cages are actually small unused buildings donated to the college by the university. Vet student volunteers John Gmitro, Mike Kinsel, Rick Pitkin, Andy Skelley, Gary Soumar, and Sue Wojcik, and Dr. Linda Dworak helped convert the facilities into flight cages to gradually reintroduce sick or injured birds to the wild following their rehabilitation, says Dr. Robert Murnane, veterinary pathobiology and clinical medicine, who started and supervises the rehab program. He is also one of the veterinarians in charge of the college's wildlife ward.

The flight cages or "hacking stations" are located in an optimal setting beyond city limits, according to Dr. Murnane. "We're trying to return the birds to the wild so the less exposure to people the better," he explains. "It's a good location for the hacking stations because they are near several environments includ-

ing woodlands and open farmland."

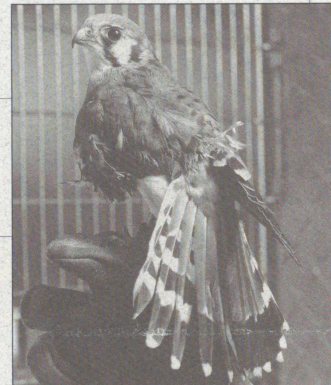
Many of the birds 're-cooping' in the flight cages have been treated at the college's wildlife ward in the Small Animal Teaching Hospital. Both raptors and other birds are brought in with a variety of injuries, from gunshot wounds to infectious diseases, he notes.

The wildlife rehab program gives UI vet students a chance to learn more than just medical facts about the undomesticated creatures they treat.

"Our program has evolved into a 'full circle' program," explains Dr. Murnane. "Instead of treating an animal and then sending it to a private rehabilitator where we often lose track of it, students will get the chance to take an animal from the start of treatment to release."

The wildlife ward has experienced some growing pains. In the spring of 1990 the college announced that the wildlife ward, operating without official status or budget, would have to be reorganized or close its doors.

The college asked for donations to help support operating expenses. The public responded and enough donations were received to keep the ward



This injured kestrel is one of the patients at the college's Wildlife Ward.

going for another year.

The reorganized ward officially opened around Thanksgiving, although Dr. Murnane points out that the ward never refused to take patients.

In addition to the new rehab program, the reorganization effort includes more student and faculty volunteers to share the caseload. About 25 vet students were recruited and divided into treatment teams to care for the wild patients. Dr. Thomas Burke; Dr. Linda Dworak, a resident studying microbiology and immunology; and Dr. Brian Knight, a resident studying pathology, help Dr. Murnane oversee treatment.

The wildlife ward has also adopted federal rehabilitation guidelines on what species should and shouldn't be restored to the wild. ■



Collaborators from the Center for Lake Superior Environmental Studies (University of Illinois and Wisconsin), head out onto Lake Superior for a demonstration of the capabilities of the research vessel, the L.L. Smith, which will be used during the Envirovet program. Dr. Val Beasley is seated on the picnic table.

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Dean's Corner

BY DR. TED VALLI

Reflections on the First Full Year

In looking back over the past year, I am amazed at the pace of events since I arrived here last December. The most important elements in any organization are the people. In that context, it has been an exciting year with the addition of new faces, new methodologies, and a lot of restructuring of existing programs and facilities.

We are saddened by the loss of Dr. Loyd Boley, who has been so prominent in the development of the College of Veterinary Medicine. May Loyd and the other colleagues we have lost during the past year rest in peace. We will miss them.

My initiation here was greatly facilitated by strong and enthusiastic support from the clerical and administrative staff in the Dean's Office, and the college administration as well as the faculty and staff. I thank each and every one of them for their support.

I would like to be able to tell you that the college is advancing on all fronts under my leadership, but unfortunately, economics and other factors have impeded our progress in some areas. One of the more notable errors in leadership during the past year was when at the commencement ceremonies, I led the academic procession into the darkness of the offstage wings rather than off the stage and up through the assembled guests and relatives. Some of the faculty followed me and some stood on the stage looking embarrassed. Someone suggested that the new dean must have great leadership qualities to have anybody follow him into a blind hallway!

Despite a budget cut in the current fiscal year and an even greater impending cut in FY 92, we have accomplished a great deal in the last year. With strong support from the practicing profession and the animal owners of Illinois, our very competent clinical staff has been able to maintain the caseload and thus, the clinical experience of our current junior and senior students.

With a lot of tough decisions and good management, Dr. Fred Troutt, head of Veterinary Clinical Medicine; ably assisted by Dr. Erwin Small, assistant head and hospital director, the Veterinary Teaching Hospital completed the last fiscal year in the black and we hope will be able to repeat that feat in the current year despite the economic downturn. The entire faculty and staff of Veterinary Clinical Medicine deserve a pat on the back for both their competence in serving the clientele and their cooperation in an era of financial restraint.

We have many areas of strength within our Veterinary Medicine Teaching Hospital, but an area where we are close to achieving excellence is in our aggregate capability in diagnostic imaging. It is exciting to see our facilities take shape with the CAT scanner now being installed, the refurbished large animal X-ray unit, the relocation of nuclear medicine to newer and larger facilities, the ever-improving function of the Cobalt unit, and finally the arrival of Dr. Bob Clarkson's magnetic resonance spectroscopy magnets which resemble a Buck Rogers accelerator and look terrific just standing still.

In another area, with a little help from the Vice Chancellor and Dr. Jered Hooker, Administrator of Horse Racing Programs in the Illinois Department of Agriculture, we have purchased a high-speed treadmill which will give us year-round, weatherproof capability in gait analysis and the ability to carry out sophisticated physiological testing.

Progress is being made throughout the College with Dr. Richard Bevill maintaining his sense of humor while providing leadership as acting head of Veterinary Biosciences as he consolidates the entrepreneurial endeavors of Dr. W. C. Wagner, now on temporary leave to USDA in Washington, D.C. Veterinary Biosciences has exciting new programs in molecular biology, spearheaded by Drs. Sherman and Bunick, and is assembling the machines essential for probing the innerness of cells at the genetic level.

Good work continues in the teaching of normal form and function, and Dr.

Buck has restructured his toxicology hotline into the National Animal Poison Control Center for whose services a fee is charged which Dr. Bevill hopes will one day assist him in balancing the departmental budget.

Dr. Ken Todd manages to diagnose a few parasitisms and give a few lectures while providing leadership to Veterinary Pathobiology and the laboratory for diagnostic medicine. Pathobiology is installing a new digitized closed-circuit color TV system in the Graduate Seminar Room. This should greatly expand the perspective of pathologists and allow us to argue about the meaning of cells that everybody can actually see. I have greatly enjoyed my interaction with the anatomic pathology group. They have in turn been remarkably tolerant.

Drs. Dorner and Hoffmann are settling in a new and highly sophisticated clinical biochemistry analyzer that produces even more results than the old one and are working on getting this information fed into the medical information management system.

In our Academic Affairs, we have bid farewell to Dr. Nancy Bailey, who is now enjoying the humidity in Florida with Dr. Dierks, while Dr. Lloyd Helper is now working full-time as acting associate dean for academic and student affairs and coordinating another round of student admissions. We had a well-attended and enthusiastic Fall Faculty Retreat with recommendations of those working groups filtering through the curricular development system.

We have had three more graduates from our unique IFAMS Program and are in the process of interviewing new candidates. Dr. Biehl and his staff in CEPS have developed a new continuing professional education opportunity called the Executive Veterinary Program which we hope will begin accepting candidates in the fall of this year. The program is designed for veterinarians who wish to remain in their current employment while gaining expertise in species-related production management by three days in-residence instruction every two months over a period of two years.

Finally, I owe a special thanks to Erv Small and Terry Rathgeber, who have dutifully shuffled me around the state to various meetings and functions, keeping their eye on the road while I slept. Over the year, I have been from Geneseo to Dixon Springs, and am developing not only an understanding, but an affection for our fair state.

It is always a rare treat to travel with Dr. Small, who has been known to announce himself at the front desk of a practitioner's clinic as someone long since deceased so he could enjoy the expression on the practitioner's face as he bursts from the rear of the clinic expecting to see Marley, the ghost of Christmas past. It has been a very interesting year. ■

'Deanly' Duties Include Scholarship Presentations



Dean V.E. Valli (right) presents a certificate of achievement to Gretchen Weber, Arlington Heights, one of the Jonathan Baldwin Turner (JBT) Scholar under-graduates the college supports each year. By providing a \$2,500 scholarship to promising students in the UI College of Agriculture, the veterinary college, along with other private donors, encourages scholarly excellence, good citizenship and leadership ability in recipients. This sponsorship has furnished opportunities for many of these students to pursue a veterinary career. Currently, nearly 20 former JBT Scholars are enrolled in the veterinary curriculum.

Dr. Whitmore, Food Animal Chief, Retires from College



DR. HOWARD WHITMORE, professor and chief of food animal medicine and surgery since 1980, retired on December 31, 1990. But he certainly hasn't left the scene."

Though he intends to play "lots more tennis," Dr. Whitmore will work part time as Emeritus Professor at the college and elsewhere.

He plans to teach workshops for Japanese dairy veterinarians, teach embryo transfer techniques to visiting professors, do consulting work on dairy herd health programs, and do research for drug companies. He also has three graduate students that will finish their MS and PhD programs in 1991.

Dr. Whitmore earned his DVM degree in 1960 from Oklahoma State University. After practicing in his native Wisconsin for 9 years in a 90 percent dairy practice, he returned to school and earned both his MS and PhD degrees from the University of Wisconsin at Madison.

From 1974 through 1979, he served as an associate professor on the University of Minnesota faculty. In 1979 he was promoted to professor. A year later he accepted his current position at the University of Illinois College of Veterinary Medicine. ■

Dates to Remember

April 6, 1991
Veterinary Medicine Open House, Urbana.

May 12, 1991
College of Veterinary Medicine Commencement, Urbana.

June 5-6, 1991
Swine Veterinary Consultant Workshop, Robert Allerton Park, Monticello, Ill. Contact Dr. LeRoy Biehl, CE-PS, (217)333-2907.

July 30, 1991
Alumni Reception at the AVMA Convention, 6:30 p.m., Cascade II Room, The Westin, Seattle, Wash. Contact Terry Rathgeber or Dr. Erwin Small.

September 11-13, 1991 (and every other month through Sept. 15-17, 1993)
Executive Veterinary Program (EVP) Certificate Series in Swine Health Management. Contact Dr. LeRoy Biehl, CE-PS, (217)333-2907.

Veterinary REPORT

Published four times annually by the University of Illinois College of Veterinary Medicine for its students, faculty, alumni and friends. Information for Veterinary Report or address changes should be mailed to:

Veterinary Report
University of Illinois
College of Veterinary Medicine
2938 VMBSS, 2001 S. Lincoln Ave.
Urbana, IL 61801

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College Happenings

New Video System Projects Sharper Images from Beneath the Microscope

FACULTY AND STUDENTS at the UI College of Veterinary Medicine will soon be able to use a new, highly-sophisticated color video system to view objects from beneath a microscope. Purchased by the college for the Department of Veterinary Pathobiology, the conference digitized projection system will provide even sharper, brighter, color images of specimen slides than what has been available.

"The system will greatly enhance the college's micro-projection capabilities. With the improved resolution, our vet pathobiology faculty and graduate students as well as other students will benefit," says Dr. Ken Todd, head of the college's veterinary pathobiology department.

He notes that the system will be used not only as a teaching modality, but also for professional veterinary pathobiology conferences and lectures to study and share research information. The entire system will be permanently located in the college's Basic Science Building (VMBBS 2506).

"Local Area Network" Ties College Computers Together

NETWORKING, long a buzzword denoting useful interpersonal contacts in professional circles, is coming to the College of Veterinary Medicine, but this network involves computers as well as people.

A Local Area Network (LAN) connects computer workstations (PCs) together with a centralized file server. The Banyan network being installed at the college gives users access to common resources such as high quality printers and software, allows them to share files across the network and lets them send electronic mail (email) to others on the system.

The college's goal is to add all PCs to the Banyan network over the next 2-3 years, as funding is available.

"We're working towards compatibility and cohesiveness within the college and accessibility to outside resources that are available through the campus network," say Nancy Mickenbecker and Susan Beebe, who are responsible for installing and maintaining the network.

To date, many administrative and departmental areas, as well as the student computer laboratory have been networked. In the Vet. Med. Teaching Hospital, the clinical pathology lab is also networked. However, because the cable connection between the buildings isn't expected to be completed until spring, the networks in the two buildings remain separate.

Faculty and students now have

access to PLATO/NovaNET through the networked PCs in the student computer laboratory, thus replacing the need for PLATO terminals. The network can also provide an environment in which computer-aided instruction, small group instruction and interactive tutorials could be more easily developed and made accessible to students.

Response to the network has been very positive. "Faculty, staff and students are becoming excited about networking in the college and the accessibility that it will bring," says Dr. Valli, college dean.

Contact College to Participate in Canine Osteoarthritis Study

CLINICIANS AT THE COLLEGE are conducting a blinded clinical trial of Rimadyl-V for Hoffmann-LaRoche. Rimadyl-V is a nonsteroidal anti-inflammatory drug which has demonstrated therapeutic activity in the relief of the signs of osteoarthritis in laboratory studies and in clinical studies. Large dogs with unilateral clinical signs of lameness due to degenerative joint disease are needed for the trial.

For more information on the type of dogs needed for the study or to find out what procedures will be used, please contact Dr. Ann L. Johnson at (217)333-5300. You will be mailed a background information sheet.



Nuclear Medicine Imaging Center Moves to New Quarters

ON THURSDAY, January 3rd, the college's nuclear medicine gamma camera made a trip down the Large Animal Clinic's hallways. It took six people to coax the two-ton detector, complete with its umbilical cord, down the hall and to its new quarters.

In order to gain more space for a second gamma camera, and to make room for the college's new CAT scanner, the nuclear medicine division moved its imaging facility into the former radiobiology research area in the northeast corner of the Large Animal Clinic.

The new nuclear medicine facility includes I-beam tracks near the ceiling from which a second gamma camera will be mounted. This camera will be used for spinal and pelvic bone scans in horses and for other procedures which could not be accomplished with the current ground-mounted camera.

According to Dr. Bob Twardock, coordinator of the nuclear medicine facility, the new equipment will open up fresh options. It is not unusual for back problems to be suspected as causes of lameness in horses.

Other new developments in the clinics include the remodeling of the former photo studio and two store-rooms on the ground floor to accommodate an MRI (magnetic resonance imaging) center and NMR (nuclear magnetic resonance) spectroscopy lab for Dr. Clarkson, a new faculty member.

The nuclear medicine gamma camera is coaxed down the Large Animal Clinic hallways by (from left to right) Janet Francisco, Rich Keen, Dr. Steve Kneller and Walt Cracker.

College to Launch New Executive Veterinary Program This Fall

THERE'S AN INNOVATIVE PROGRAM on the horizon for progressive swine veterinarians to enhance their business, management and medical skills.

The Executive Veterinary Program (EVP) Certificate Series, created by the University of Illinois College of Veterinary Medicine at Urbana, is designed to prepare practicing, industrial, or public service veterinarians for future opportunities in the evolving swine industry.

EVP is a modular system of 13 comprehensive, multidisciplinary workshops involving the colleges of Agriculture, Commerce and Business Administration and Veterinary Medicine. The instruction teams include nationally-recognized experts from these three colleges as well as invited industry specialists.

Upon completion of the program, participants will earn an EVP Certificate in Swine Health Management.

The first workshop is scheduled for September 11-13, 1991. It will focus on computer usage skills and provide a program introduction and overview. Other modules include leadership and business training, marketing, nutrition, communication, reproduction and genetics, environmental monitoring and health and disease control. In addition, each participant will formulate a case example unique to his/her job situation.

Enrollment is limited to 40 participants per program. Individuals can register for specific workshops, if positions are available. However, priority will be given to those who enroll in the entire program. Workshops will be taught at the UIUC campus for three days each

over a period of two years.

Individuals interested in enrolling must have a DVM degree with at least two years of experience preferred. Access to an IBM compatible computer, fax machine and electronic mail is also recommended.

Future EVP Certificate Series will be developed in other areas such as small animal medicine, lab animal medicine and toxicology.

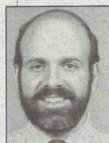
For a listing of program modules and further information, please contact Dr. LeRoy Biehl or Dr. Kristi Arndt Green at (217)333-2907. ■

EVP Program Modules & Dates

- Program Overview and Introduction & Computer Usage Sept. 11-13, 1991
- Business and Administrative Communication & Leadership Skills Nov. 13-15, 1991
- Biostatistics & Epidemiology Jan. 15-17, 1992
- Industrial Structure and Dynamics & Interorganization Skills Mar. 11-13, 1992
- Economics May 13-15, 1992
- Decision Making & Financial Management July 15-17, 1992
- Marketing Sept. 16-18, 1992
- Genetics & Reproduction Nov. 11-13, 1992
- Environmental Monitoring Jan. 13-15, 1993
- Nutrition Mar. 10-12, 1993
- Health and Disease Control May 12-14, 1993
- Legal Issues & Quality Assurance July 14-16, 1993
- Problem Solving Workshop Sept. 15-17, 1993

ALL DATES ARE TENTATIVE AND SUBJECT TO CHANGE. FINAL CONFIRMATION WILL BE PROVIDED AT LEAST THREE WEEKS PRIOR TO EACH MODULE.

New Faculty



AN OLD FACE in a new place is Dr. Joseph DiPietro, formerly a clinician in the college's theriogenology/field service section. On December 21, 1990, Dr. DiPietro was appointed professor of parasitology in

the department of veterinary pathobiology.

Dr. DiPietro received his DVM degree from the University of Illinois in 1976. After two years in a mixed animal practice, he returned to Illinois as an instructor in theriogenology/field service. He earned an MS degree in 1980 in parasitology and was promoted to assistant professor.

While making farm calls, Dr. DiPietro concurrently pursued his primary interest in parasitology, performing applied and laboratory parasitology studies. He is looking forward to the opportunity to devote more time to research and to teaching parasitology to veterinary students.

As a member of the college's parasitology division, Dr. DiPietro will be involved with diagnostic parasitology on accessions from the Diagnostic Laboratory, evaluation of new anthelmintics, research on parasite life cycles, development of new approaches to parasite control, phone consultation about the control of parasites and parasite-related problems, in addition to teaching parasitology.

His practical background, especially in the areas of equine and ruminant parasitology, will enable him to integrate research with practical applications.

Though he is serving as Acting Associate Dean for Research during 1991, he is concurrently maintaining his teaching and research programs in parasitology.



Dr. George L. Foley joined the College of Veterinary Medicine's Department of Veterinary Pathobiology as an assistant professor in the division of pathology on

January 1, 1991. Though his responsibilities will include general Diagnostic Laboratory service, teaching and research, Dr. Foley is especially interested in reproductive pathology.

A 1983 cum laude graduate of The Ohio State University's College of Veterinary Medicine, Dr. Foley practiced for a year in a multi-practitioner small animal practice in Wilmington, North Carolina. He returned to academia for a two-year residency in diagnostic pathology at Cornell University's College of Veterinary Medicine, Ithaca, New York. He subsequently entered a PhD program at Cornell studying the pathophysiology of bovine pregnancy and luteal function. During his PhD program, he also became a Diplomate of the American College of Veterinary Pathologists.

For Dr. Foley, a major draw to Illinois was the International Registry of Reproductive Pathology, which represents the lifetime collection of specimens by Dr. Ken McIntee.

"It is a resource which is unique in the world," Dr. Foley notes.

In addition, Dr. Foley was attracted by the strong reproductive biology group on campus. Since collaboration is essential in science, he views the breadth of work on campus appealing.

While Dr. Foley's research to date has dealt primarily with the bovine ovary, he anticipates establishing collaborative studies in a variety of species and reproductive organ systems.

In his free time, Dr. Foley enjoys ice dancing with his wife, Susan. ■





Do You Remember: A Tribute to Dr. Loyd Boley

BY TANIA BANAK

🐾 "In my office, room 220 new Large Animal Clinic, sits a black leather overstuffed arm chair, with wooden legs and brass beads lining the arms. I remember sitting in it, or its mate, in 1955-56 when I was a student and the chair was in the office of Dr. Loyd Boley, first head of the Department of Veterinary Clinical Medicine, old Small Animal Clinic — long since demolished.

"In the '60s and '70s I relaxed in it many times as a young faculty member, after it moved to the old Basic Science Building with Dr. Loyd Boley, first Associate Dean for Academic Affairs, College of Veterinary Medicine.

"He left it for me to use when he retired and I followed in his footsteps. During the '70s and '80s, and now the '90s, many of our students and faculty have enjoyed the comfort and support of this special chair in my office — truly symbolic of the gentle doctor Boley — competitive sportsman, ardent Illini, superb story teller, compassionate father figure, lover of his profession, college and university, ever cheerful even in pain, faithful friend to the end.

"Would that we all could live and give as much as he. Our problems and complaints would be so much smaller, and our actions and accomplishments so much greater."
— Bob Twardock, DVM '56

🐾 "There were 24 of us in his Breeding Problems and Obstetrics class, but to him it was not a group, but 24 individuals, each with a common goal. He was there to help each one in pursuit of that goal."
— Bill Specht, DVM '52

🐾 "He knew what the book said, but he also knew how the farmer felt about such things. He taught the facts as they related to practice in the field. He taught for the love of teaching, not to make a name for himself in regard to research, paper writing, etc."
— Richard B. Fink, DVM '52, Past President, AVMA

🐾 "A fine gentleman, veterinarian and teacher." — J.H. Hoogeweg, DVM '58

🐾 "I never heard a derogatory word whatsoever about Dr. Boley."
— Leon Striegel, DVM '53

🐾 "A real veterinarian whose skills and qualities inspired a young man to go into solo practice doing large animal work."
— R.F. Whalen, DVM '52

Dr. Loyd E. Boley died on November 9, 1990 at the age of 81. He was universally liked and will be missed.

Dr. Boley joined the college staff in 1936 as an assistant professor in the Division of Veterinary Pathology and Hygiene (VPH). At the time, the College of Veterinary Medicine as such did not exist. Veterinary coursework was taught under the umbrella of the VPH Division.

During those early years, Dr. Boley, who had earned his DVM degree from Kansas State College in 1932, completed work on an MS degree, which he received in 1942.

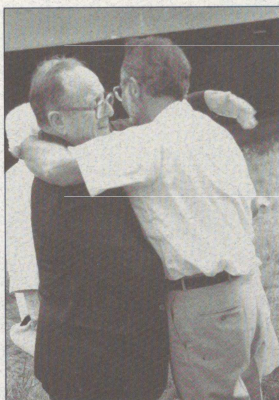
World War II took Dr. Boley into the U.S. Army Veterinary Corps for four years. By the time he was discharged in 1946 and returned to Illinois, the old veterinary pathology department had become the College of Veterinary Medicine (1944).

In 1949, Dr. Boley was promoted to head of the Department of Veterinary Clinical Medicine. He held that post until 1969 when he assumed the position of associate dean of academic affairs.

During these years, Dr. Boley was instrumental in planning and developing the new Small Animal Clinic, which was the first phase in the college's new building program. He is recognized as an outstanding veterinarian, teacher and representative of the veterinary profession.

Dr. J.G. Eaglemann, a former faculty member at the college and currently retired in Wernersville, Pennsylvania, remembers that Dr. Boley was "responsible for me being assigned to the faculty." Dr. Eaglemann had been in bovine practice for 15 years when Dr. Boley asked him to join the college staff. At the time, it was unheard of to hire veterinary faculty without advanced degrees.

"I was an ordinary rural practitioner," Dr. Eaglemann recalls. "But Dr. Boley pleaded my case to Dean Brandley. He gave me all the opportunities I could handle, and I'm grateful to him for that."



ABOVE LEFT: Dr. Boley gets a hug from Dave McConnell during the alumni reunion held at the AVMA Convention in Chicago in 1987.

ABOVE RIGHT: From left to right: Gerald Crank, Loyd Boley, Paul Reynolds (peeking), Jake Mosier, and Fred Hembrugh anesthetize a horse prior to a surgery in the old Large Animal Clinic. RIGHT: Dr. Loyd Boley (left) and his wife, Esther, are flanked by Master of Ceremonies Dr. Erwin Small during a retirement recognition dinner held at the Illini Union. (May 31, 1973)

Dr. Hank Hannah also has fond memories of Dr. Boley. Dr. Hannah taught veterinary jurisprudence at the college during the '60s while Dr. Boley taught ethics. "Loyd was willing to co-operate with anyone in any enterprise that promoted veterinary medicine and the profession," Dr. Hannah says.

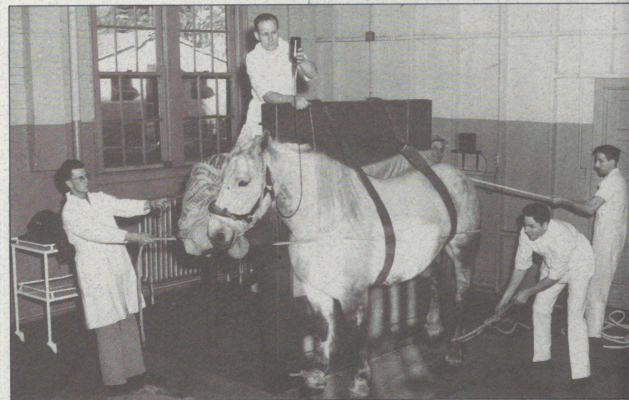
Dr. Boley was able to enjoy more of his beloved fishing and golf after he retired from the university in 1973 after 37 years of service. Yet he had left his mark on the veterinary profession. As a veterinary college professor and as a member and committeeman of his professional organizations, Dr. Boley played a major role in the development of modern veterinary medicine in Illinois. He was also an active member of church and service programs in Champaign-Urbana, and contributed to the growth and progress of his community.

He received numerous awards during his career, including the Illinois State Veterinary Medical Association distinguished service award, and the University of Illinois Alumni Association's Loyalty Award.

After his retirement, the "Loyd E. Boley Fund" was established. The fund currently provides an honorarium for the winner of the Loyd Boley Award, presented annually to a graduate student at the college.

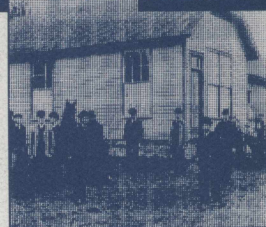
Though Dr. Boley is gone, he left his mark in people's hearts. "If I have ever met a finer fellow than Loyd, I haven't recognized him," writes Dr. Jim Henderson, former faculty member and Dean emeritus from Washington State University's College of Veterinary Medicine and currently living in Canada.

Shortly before his death, Dr. Boley made a gift pledge to the college that would provide the bulk of an endowment to support a food animal graduate student at the college. Memorial gifts will be combined with this fund to guarantee an annual stipend in perpetuity. If you wish to contribute to this endowment, see below. ■

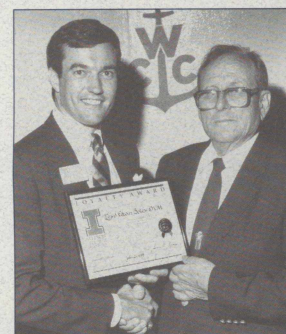
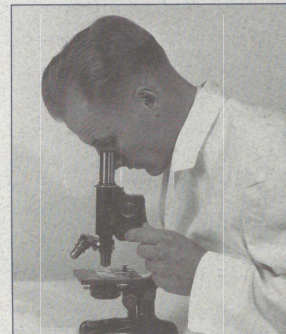


Memorial gift checks may be made to: **UIF/VET MED ACHIEVEMENT FUND**, earmarked for the **BOLEY FUND** and mailed to the college.

SCRAPbook



JUST BELOW: Dr. Boley performs a microscopic examination for parasites, 1937. CENTER: Pat Hayes (left) of the University of Illinois Alumni Association presents Dr. Boley with a UI Loyalty Award during the alumni reunion held at the AVMA Convention in Chicago in 1987.



Animal Poison Control Center Offers Help Nationwide

BY KIMBERLY MEENEN

Where can a pet owner or livestock producer turn when their animals have been poisoned? Who can a veterinarian consult with about a poisoning or concern?

Now, regardless of the poisoning situation, the animal, or the time of day, veterinarians and animal owners from across the U.S. can call the National Animal Poison Control Center (NAPCC) at the UI College of Veterinary Medicine for help. The toll-free number is (800)548-2423.

Started in 1978 by Dr. William Buck, a DVM specializing in toxicology, the service was the first of its kind in the nation and the second animal poison control facility in the world. NAPCC recently boosted the scope of its service from statewide to nationwide.

An extensive collection of individual cases—over 150,000—involving pesticides, drug, plant, metal, and other hazardous-type poisonings in companion or food-producing animals are at the fingertips of the poison control center staff.

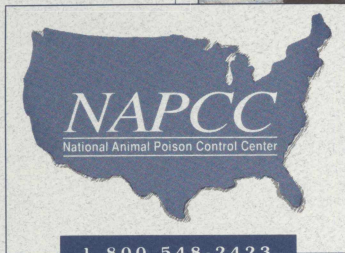
"These cases comprise the largest set of spontaneous animal poisonings available," says Dr. Buck. "This specialized information allows NAPCC staff to make specific recommendations for animals, rather than generalized poison information provided by a non-specialized or human poison control center."

Dr. Buck and Dr. Harold Trammel, director of NAPCC operations and doctor of pharmacy, point out that human and animal poison control centers are not synonymous. Whereas human poison control centers are staffed with human health professionals equipped to deal with the needs of human patients, NAPCC is manned by veterinary health professionals trained to handle the needs of animal patients.

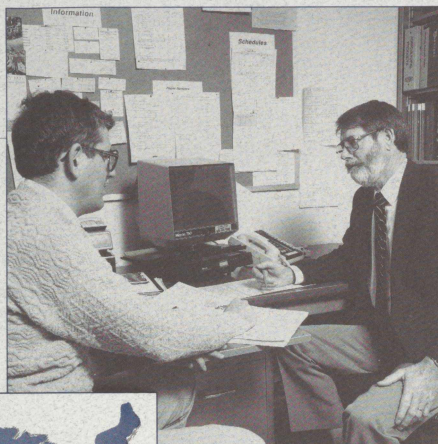
"In the same way that the NAPCC is not adequately prepared to deal with human poisonings, a human poison center is not adequately prepared to handle animal poisonings," says Dr. Trammel who worked in human poison control centers for 10 years prior to joining the NAPCC.

The hotline is answered by licensed veterinarians and board-certified veterinary toxicologists. Seven days a week, 24 hours a day they can quickly provide advice and assistance to animal owners or confer with veterinarians about a case.

Although the call is free, the college charges \$25.00 per case (VISA, MasterCard, or American Express preferred) to defray expenses. The charge includes as many calls as necessary to



**The hotline is
answered by licensed
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veterinary
toxicologists.**



Dr. Harold Trammel (left) and William Buck (right) discuss a case involving a poisoned animal.

complete the case. In addition, if the NAPCC recommends that the animal be taken to a veterinarian, the veterinarian or clinic can call without any further cost.

"Animals are more prone to be poisoned than most humans because they don't know any better," says Dr. Buck. For example, dogs have been known to eat everything from pennies to birth control pills to pantyhose. Cats don't realize that drinking from a puddle of freshly-drained antifreeze can be fatal. Livestock can't tell that their feed is contaminated.

"Many times a well-intentioned animal owner will inadvertently poison an animal by treating it with human medicine," says Dr. Trammel. "Giving an animal something a human uses to relieve pain such as ibuprofen or acetaminophen could have disastrous effects on certain animals."

The NAPCC staff hopes that in the near future the center's toll-free number will appear on the label of many animal and human products as well as pesticides. In fact, several animal and agricultural product manufacturers are already using the service to monitor the safety of their products.

For more detailed information concerning the center's various services, please contact Dr. Buck or Dr. Trammel, NAPCC, U of I College of Veterinary Medicine, 2001 S. Lincoln Ave., Urbana, IL 61801 (217)333-2053.

If you are faced with a situation involving a poisoned or potentially poisoned animal call (800)548-2423. ■

"New Look" Result of Plastic Surgery

WITH THE COOPERATION of a plastic surgeon from Carle Hospital in Urbana, equine surgeons at the veterinary college recently resolved an unsightly dent that was left in a stallion's face following surgical repair of a trauma.

It simply wouldn't do for Robin's Parteebuilt, an 11-year-old Paint stallion from Gillespie, Ill., to be left with a permanent blemish. Especially one that would make him less appealing to mare owners. It's a competitive world out there and a stallion needs as many points in his favor as he can get. A dented face doesn't qualify as a point.

Two years ago, Partee rammed into a steel pipe and smashed his face in, requiring surgery. The dent was a result of the fracture segments collapsing into the nose as the surgery healed.

Dr. Gordon Baker, chief of the college's equine section, and Dr. Brendon Bell, equine resident on the case, teamed with Dr. Jim Sheridan, a plastic surgeon from Carle Hospital in Urbana, to correct the situation.

Using methyl methacrylate, or "bone cement," they filled the dent with plastic material. It is the same material that is used to support artificial hips.

Once the implant had been placed and shaped correctly, the skin was sewn back over it and allowed to heal. And Robin's Parteebuilt was ready to impress the mare owners once again. ■



Dr. Gordon Baker (left), chief of equine medicine and surgery at the college, and Dr. Jim Sheridan (right), plastic surgeon at Carle Hospital in Urbana, examine Robin's Parteebuilt prior to corrective plastic surgery on the stallion's nose.

Alumni Notes

■ **Dr. John Dickinson**, 1963, is retired in Oregon from his position at the Washington State University veterinary college and is now a director of the American Poultry Association.

Dr. S.M. "Sal" Clirone, 1966, graduated from the Industrial College of the Armed Forces at Ft. McNair. He is now stationed at the Pentagon in Health Affairs in the Office of the Secretary of Defense.

Dr. Michael D. Kastello, 1970, was recently promoted to Executive Director of Research, Resources and Engineering Services for Merck, Sharp & Dohme, in New Jersey.

Dr. Douglas C. Andrews, 1979, a practitioner in Portland, Maine, has become president of the Maine Veterinary Medical Association.

Dr. Donald K. Allen, 1980, has been appointed to a five year term as a member of the State Veterinary Medical Board by Ohio's Governor Richard F. Celeste. Dr. Allen is the medical director of Animal Charity in Youngstown, Ohio.

Dr. Maureen Birmingham, 1983, has returned to Harvard University to pursue a master's degree in public health. After spending a year in Bolivia launching an animal care training program for the native Aymara peoples on behalf of Christian Veterinary Mission, she felt she needed more background in epidemiology and zoonotic diseases before going any further.

Dr. Daniel E. Snyder, 1987, (PhD 1983) recently became a board certified diplomate of the American College of Veterinary Microbiologists, subspecialty Bacteriology and Mycology. Dr. Snyder is currently a research scientist with the USDA's Agricultural Research Service in Auburn, Alabama. He is working on control strategies to reduce parasite burdens in cattle.

1956 and 1971. At the time of his death, he was a microbiologist for the Illinois State Diagnostic Laboratory in Centralia. He is survived by his wife, Roberta. Memorials may be made to the American Diabetes Association.

Dr. Bob Davis, Colorado 1935, who replaced the college's Dr. L.E. St. Clair in the anatomy section in the late '70s, died in January 1991 after suffering a chronic illness.

James Madden, first-year veterinary student, died on December 1, 1990. A memorial service was held on December 8th at the DuPage Unitarian Church in Naperville, Ill. Memorial contributions may be made to the Naperville Humane Society, P.O. Box 533, Naperville, Ill. 60566

Dr. Michael Riley, 1966, of Skokie, Ill. was killed when his private plane crashed in Tennessee on January 19, 1991. He and his daughter Nancy, who was also killed, were on their way to visit one of his sons in the Armed Forces who is stationed in Georgia. Two sons and another daughter survive. Dr. Riley practiced with Drs. Tom Russell and Emil Baukert at the Riser Animal Hospital in Skokie.

In Memoriam

Forrest "Pat" Davis, 59, of Salem, Ill., formerly of Mansfield, Ill., died on November 14, 1990. Davis worked for the College of Veterinary Medicine in the Diagnostic Laboratory between

Vet Med Alumni: Whereabouts Unknown

Finding a former classmate can be just like looking for the proverbial "needle in a haystack." But not anymore. Soon an impressive directory of veterinary alumni will be available to help you locate your old friends.

The new University of Illinois College of Veterinary Medicine Alumni Directory, scheduled for release in May/June 1992, will be the most up-to-date and complete reference on over 2,272 University of Illinois College of Veterinary Medicine alumni ever compiled! This comprehensive volume will include current name, address and phone number, academic data, plus business information (if applicable), bound into a classic, library-quality edition.

The Alumni Association has contracted the Bernard C. Harris Publishing Company, Inc. to produce the college's second Directory. Harris will soon begin researching and compiling information to be printed in the Directory by mailing a questionnaire to each alumnus.

The new University of Illinois College of Veterinary Medicine Alumni Directory will make finding a University of Illinois College of Veterinary Medicine alumnus as easy as opening a book. Look for more details on the project in future issues.





College Briefs

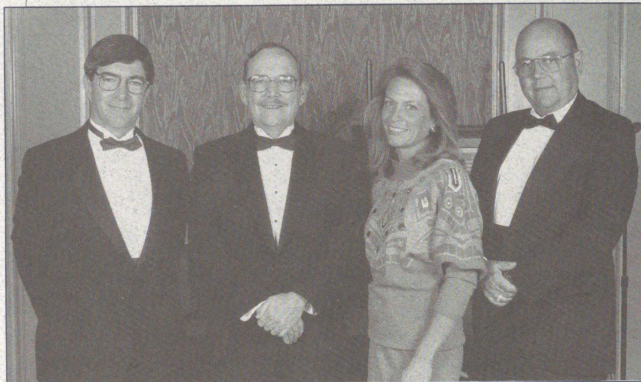


● **Dr. Lloyd Davis** (below, second from left), professor of veterinary clinical medicine and pharmacology, receives the 1990 Equine Research Award from John and Linda Keenan of Campobello, S. C. and Dr. David P. Anderson (far right) dean of the University of Georgia's College of Veterinary Medicine.

The presentation occurred on October 6, 1990 at a black-tie gala held in Atlanta during a benefit sponsored by an organization called "For the Love of a Horse." The group, based in Atlanta, Georgia, exists to raise research dollars for the equine colic program at the University of Georgia.

Dr. Davis was selected by an international panel of 25 equine researchers who evaluated five nominees in the field of equine pharmacology. Each year, a different veterinary discipline is chosen for the award.

The 1990 award, consisting of a specially-created blown-glass sculpture (left), was sponsored by Mr. and Mrs. Keenan.



● **Dr. Yvette Johnson**, visiting assistant to the dean for minority affairs and a graduate student in veterinary clinical medicine, recently returned from a semester at Egerton University in Njoro, Kenya. From Aug. 30, 1990 through Nov. 30, 1990, she studied dairy production medicine in a joint program between the University of Illinois and Egerton sponsored by USAID through the Institutional Development for Agricultural Training Program.

● **Dr. Lloyd Davis**, professor of veterinary clinical medicine and pharmacology at the college, is the first veterinarian to be selected as a William N. Creasy Visiting Professor in Clinical Pharmacology.

The visiting professorships are sponsored by the Burroughs Wellcome Fund in honor of the late William N. Creasy, former president and chairman of the Fund. The purpose of these awards is to broaden interest in clinical pharmacology and support for its development in the nation's medical schools.

Visiting professorships are awarded to distinguished scientists within the U.S. or abroad whose research may stimulate clinical pharmacology.

Those selected for professorships then spend two to five days at selected, full degree-granting U.S. medical schools.

Dr. Davis spent the week of October 15th at Tuskegee University, in Alabama. The topic of his Creasy Memorial Lecture was "A Perspective on Rational Drug Therapy in Veterinary Medicine."

● **Dr. John C. Thurmon**, professor of veterinary clinical medicine and a board certified veterinary anesthesiologist, was honored during the annual meeting of the American College of Veterinary Anesthesiologists (ACVA) in Las Vegas in October.

In observance of the group's 15th anniversary, they decided to recognize the seven founding charter diplomates. Dr. Thurmon was not only one of the ACVA's original seven diplomates, but served as their first president as well. Each received a plaque with the ACVA

logo as a token of appreciation for their contributions to veterinary anesthesia and the ACVA.

● **Dr. Gerald McLaughlin**, assistant professor of veterinary pathobiology, visited the Medical Research Council (MRC) Laboratories in The Gambia, West Africa from October 22 through November 3, 1990. The visit was sponsored by the World Health Organization (WHO) and the Agency for International Development (AID).

Dr. McLaughlin, in cooperation with several others, tested prototype DNA- and antibody-based diagnostic tests for malaria. He also presented a seminar, "New Approaches to Molecular Epidemiology," and discussed monitoring strategies for MRC projects related to drug-resistant malaria, measles, hepatitis, tuberculosis, meningitis, and venereal diseases.

● On November 5-7, 1990, **Dr. David Schaeffer**, senior research toxicologist in veterinary biosciences, was invited to participate in a workshop on "Sustainable Development of Aquatic Resources" in Vancouver, British Columbia, Canada. He presented a paper on "A Toxicological Perspective on Ecosystem Characteristics to Track Sustainable Development."

Dr. Schaeffer is working on ecosystem health, which involves cutting-edge theory development and modeling of ecological systems to diagnose potential problems. He has been in demand as a lecturer, being invited to speak at the University of Maryland, California State University at Sacramento, and Purdue University in Indiana.

● **Dr. Iain Hall**, a resident in veterinary dermatology, was recently chosen as the recipient of research funds provided by the Wheaton Kennel Club, Wheaton, Ill.

Dr. Hall will use the \$2,000 award to help fund a research project which examines the relation of immunodeficiency to recurrent staphylococcal

infections in dogs. Recurrent staphylococcal infections (pyoderma) are frequently seen in veterinary practice, and Dr. Hall wants to determine whether stimulating the immune system may help to counteract this problem.

● On December 17-20, 1990, Veterinary Learning Systems personnel were at the college to film a number of video programs for Kal Kan Video Forum. **Drs. Thomas Burke, Cathy Greenfield, Ann Johnson, Sandra Manfra, Brendan McKiernan, and Alan Parker** each demonstrated an aspect of veterinary clinical medicine or surgery for the cameras. The video programs are available as continuing education tools for veterinarians.

● **Dr. Nancy Bailey**, formerly the Associate Dean of Student Affairs at the college, resigned in December to take a position at the University of Florida in Gainesville. **Dr. Lloyd Helper**, Associate Dean of Academic Affairs, will serve in a full time capacity as Acting Associate Dean for Academic and Student Affairs until other arrangements can be made. The college plans to conduct an internal search for a full time replacement for the positions formerly occupied by Drs. Helper and Bailey.

● **Dr. Eric Vimir**, assistant professor of veterinary pathobiology, was invited to the Takara Shuzo Co., Ltd. Biotech Labs in Kyoto, Japan. Dr. Vimir's area of interest is microbiology/immunology.

Between January 16-21, 1991, he consulted with Dr. Ikumoshin Kato, senior director of the laboratory. He discussed technical matters and presented a seminar on "Commercialization of Sialidase from *Salmonella typhimurium* LT-2." This enzyme has strict substrate specificity for alpha 2,3-linked sialic acid glycoconjugates and is the first enzyme with this specificity isolated from bacteria.

● **Dr. LeRoy G. Biehl**, swine Extension veterinarian at the University of Illinois College of Veterinary Medicine at Urbana, spoke on "Swine Health Management" at the 1991 Latin American Conference for Animal Nutrition/Swine Production School in Costa Rica from January 20-27, 1991.



● **Elizabeth Wheeler Alm**, PhD candidate in microbiology-immunology in the college's veterinary pathobiology department, received the \$3,000 Diego and Mariangela Segre Research Fellowship

during the Phi Zeta Initiation Banquet on March 14th.

The fellowship is awarded annually to a graduate student in the veterinary pathobiology department's Division of Microbiology-Immunology. Selection is competitive, based on academic excellence and research potential. The winner is selected by the department's Graduate Admissions Committee.

Wheeler Alm is studying tyrosine kinase activity in the protozoan parasite *Trypanosoma brucei*.

The fellowship is made possible by a generous donation to the University of Illinois Foundation by Drs. Diego and Mariangela Segre, both on the veterinary pathobiology faculty.

● The University of Illinois College of Veterinary Medicine at Urbana sent 300 books and monographs and 600 issues of journals to Makerere University in Uganda recently. The books were part of the former Dr. Carl Kirkpatrick's extensive parasitology collection. Dr. Kirkpatrick had been a member of the veterinary faculty. His wife, Vivian Kirkpatrick, donated the books.

Makerere University's library was decimated during Idi Amin's rule, so donations of books are much appreciated.

On the International Scene...

● The Rev. Anthony Birbeck, of London, a member of Great Britain's Farm Animal Welfare Council (FAWC), contrasted the problem-solving mindset of the FAWC with the "animal rights vs. producers" confrontation currently occurring in the U.S. as he spoke to a group of veterinary medicine and agriculture faculty at the college on Nov. 15, 1990.

● The president of a Thailand university visited the college on November 19, 1990. Their university is building a new veterinary college and they wanted to establish a link with the Illinois veterinary college.

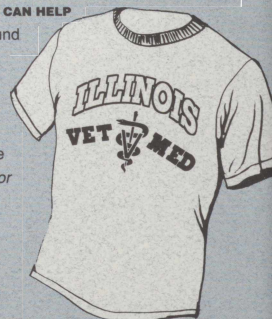
Veterinary Students Offer "Vet Med" Theme Apparel for Sale



TO RAISE FUNDS for student activities, veterinary students at the University of Illinois College of Veterinary Medicine are selling t-shirts, sweatshirts, hats and other apparel with veterinary logos. **YOU CAN HELP** support the student fund and stock your closet with attractive

veterinary-theme clothing by ordering these items. **TO RECEIVE** a four-page, illustrated order form, send your name and address to the address below or call (217)333-5545. Orders for apparel must be received by June 1, 1991.

STUDENT LEADERSHIP FUND
2271G VMBSS
2001 S. LINCOLN AVE.
URBANA, IL 61801



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